LISTING OF THE CLAIMS

- 1. (Original) A method for doing call classification on
- 2 a call to a destination endpoint, comprising the steps of:
- 3 receiving audio information from the destination
- 4 endpoint;
- 5 concurrently analyzing using automatic speech
- 6 recognition the received audio information for a first type of
- 7 classification and a second type of classification; and
- 8 determining a call classification for the destination
- endpoint in response to the step of analyzing.
- 2. (Original) The method of claim 1 wherein the first
- 2 type of classification is for words.
- 3. (Original) The method of claim 2 wherein the
- 2 analyzed words are formed as phrases.
- 4. (Original) The method of claim 2 wherein the
- 2 second type of classification is for tones.
- 5. (Original) The method of claim 4 wherein the step
- of analyzing comprises the step of executing a Hidden Markov
- 3 Model to determine the presence of words or tones in the audio
- 4 information.

- 6. (Original) The method of claim 5 wherein the step of executing comprises the step of using a grammar for speech and tones.
- 7. (Original) The method of claim 6 wherein the step of determining comprises the step of executing an inference engine.
- 8. (Original) A method for doing call classification on
 a call to a destination endpoint, comprising the steps of:
 receiving audio information from the destination
 endpoint;
- concurrently analyzing using automatic speech
 recognition the received audio information for words and tones;
 and
 determining a call classification for the destination
- endpoint in response to the analysis for words and tones.
- 9. (Original) The method of claim 8 wherein the step of analyzing for speech comprises the step of executing a Hidden Markov Model to determine the presence of words or tones in the audio information.
- 10. (Original) The method of claim 9 wherein the step of executing comprises the step of using a grammar for speech and tones.

- 11. (Original) The method of claim 10 wherein the 1 step of determining comprises the step of executing an 2 inference engine. 3
- 12. (Original) A method for doing call classification by 1 an automatic speech recognition unit on a call to a destination 2 endpoint, comprising the steps of: 3
- receiving audio information from the destination 4 endpoint by the automatic speech recognition unit; 5
- concurrently analyzing using automatic speech 6 recognition the received audio information for a first type of .7 classification and a second type of classification by the 8 automatic speech recognition unit; and 9
- determining a call classification for the destination 10 endpoint in response to the step of analyzing by the automatic 11 speech recognition unit. 12
- 13. (Original) The method of claim 12 wherein the 1 first type of classification is for words. 2
- 14. (Original) The method of claim 13 wherein the 1 analyzed words are formed as phrases. 2
- 15. (Original) The method of claim 13 wherein the second type of classification is for tones. 2

- 16. (Original) The method of claim 15 wherein the 1
- step of analyzing comprises the step of executing a Hidden 2
- Markov Model to determine the presence of words or tones in 3
- the audio information.
- 17. (Original) The method of claim 16 wherein the 1
- step of executing comprises the step of using a grammar for 2
- speech and tones. 3
- 18. (Original) The method of claim 17 wherein the 1
- step of determining comprises the step of executing an 2
- inference engine. 3
- 19. (Original) A call classifier for determining the call 1
- classification of a called destination endpoint, comprising: 2
- an automatic speech recognizer for detecting first and 3
- second characteristics in audio information received from the 4
- called destination endpoint; and
- inference engine for classifying the call in response to в
- the automatic speech recognizer. 7
- 20. (Original) The call classifier of claim 19 wherein 1
- the first characteristics are words.
- 21. (Original) The call classifier of claim 20 wherein 1
- the words are formed into phrases.

- 22. (Original) The call classifier of claim 20 wherein
- the second characteristics are tones.
- 23. (Original) The call classifier of claim 22 wherein
- the automatic speech recognizer is executing a Hidden Markov 2
- Model.